

05/90
06/14

#2



OIPE

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/007,489B

DATE: 06/14/2002
 TIME: 14:49:25

Input Set : A:\EP.txt
 Output Set: N:\CRF3\06142002\J007489B.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Frayne, Elizabeth Gay
 7 (ii) TITLE OF INVENTION: Microbial Production of
 8 Nuclease Resistant DNA, RNA, and Oligo Mixtures

10 (iii) NUMBER OF SEQUENCES: 2

12 (iv) CORRESPONDENCE ADDRESS:

13 (A) ADDRESSEE: Frayne, Elizabeth Gay

14 (B) STREET: 2027 Galvin Ln. #1.

15 (C) CITY: Diamond Bar

16 (D) STATE: California

17 (E) COUNTRY: USA

18 (F) ZIP: 91765

19 (v) COMPUTER READABLE FORM:

20 (A) MEDIUM TYPE: Diskette, 3.50 inch 1.4 MB

21 (B) COMPUTER: IBM

22 (C) OPERATING SYSTEM: Windows XP

23 (D) SOFTWARE: Microsoft Word

24 (vi) CURRENT APPLICATION DATA:

C--> 25 (A) APPLICATION NUMBER: US/10/007,489B

C--> 26 (B) FILING DATE: 05-Dec-2001

27 (C) CLASSIFICATION:

28 (vii) PRIOR APPLICATION DATA:

29 (A) APPLICATION NUMBER: US 60/100,231

30 (B) FILING DATE: 14-SEP-1998

31 (A) APPLICATION NUMBER: US 60/152,371

32 (B) FILING DATE: 07-SEP-1999

33 (ix) TELECOMMUNICATION INFORMATION:

34 (A) TELEPHONE: (909)861-2111/860-7415

35 (2) INFORMATION FOR SEQ ID NO: 1:

36 (i) SEQUENCE CHARACTERISTICS:

37 (A) LENGTH: 22 base pairs

38 (B) TYPE: nucleic acid

39 (C) STRANDEDNESS: single

40 (D) TOPOLOGY: linear

41 (ii) MOLECULE TYPE: genomic DNA

42 (iii) HYPOTHETICAL: no

43 (iv) ANTI-SENSE: no

44 (vi) ORIGINAL SOURCE:

45 (A) ORGANISM: Saccharomyces cerevisiae

46 (B) STRAIN: YFL039C genomic clone

47 (x) PUBLICATION INFORMATION:

48 (A) AUTHORS: Murakami Y., Naitou M., Hagiwara H., Shibata T.,

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/007,489B

DATE: 06/14/2002
TIME: 14:49:25

Input Set : A:\EP.txt
Output Set: N:\Crf3\06142002\J007489B.raw

49 Ozawa M., Sasanuma S.I., Sasanuma M., Tsuchiya Y., Soeda E.,
50 Yokoyama K., Yamazaki M., Tashiro H., Eki T.
51 (B) TITLE: Analysis of the nucleotide sequence of chromosome VI from
52 *Saccharomyces cerevisiae*.
53 (C) JOURNAL: *Nature Genet.*
54 (D) VOLUME: 10
55 (F) PAGES: 261-268
56 (G) DATE: 1995
57 (K) RELEVANT RESIDUES IN SEQ ID NO: 1: 10-31
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
59 GAG GTT GCT GCT TTG GTT ATT G 22
60 (2) INFORMATION FOR SEQ ID NO: 2:
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 22 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
66 (ii) MOLECULE TYPE: genomic DNA
67 (iii) HYPOTHETICAL: no
68 (iv) ANTI-SENSE: yes
69 (vi) ORIGINAL SOURCE:
70 (A) ORGANISM: *Saccharomyces cerevisiae*
71 (B) STRAIN: YFLO39C genomic clone
72 (x) PUBLICATION INFORMATION:
73 (A) AUTHORS: Murakami Y., Naitou M., Hagiwara H., Shibata T.,
74 Ozawa M., Sasanuma S.I., Sasanuma M., Tsuchiya Y., Soeda E.,
75 Yokoyama K., Yamazaki M., Tashiro H., Eki T.
76 (B) TITLE: Analysis of the nucleotide sequence of
77 chromosome VI from *Saccharomyces cerevisiae*.
78 (C) JOURNAL: *Nature Genet.*
79 (D) VOLUME: 10
80 (F) PAGES: 261-268
81 (G) DATE: 1995
82 (K) RELEVANT RESIDUES IN SEQ ID NO: 2: 1097-1118
83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
84 TT GTG GTG AAC GAT AGA TGG AC 22

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/007,489B

DATE: 06/14/2002
TIME: 14:49:26

Input Set : A:\EP.txt
Output Set: N:\CRF3\06142002\J007489B.raw

L:25 M:220 C: Keyword misspelled or invalid format, -[(A) APPLICATION NUMBER:]
L:26 M:220 C: Keyword misspelled or invalid format, -[(B) FILING DATE:]

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Frayne, Elizabeth Gay

(ii) TITLE OF INVENTION: Microbial Production of Nuclease Resistant DNA, RNA, and

Oligo Mixtures

(iii) NUMBER OF SEQUENCES: 2

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Frayne, Elizabeth Gay
(B) STREET: 2027 Galvin Ln. #1
(C) CITY: Diamond Bar
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 91765

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MAR 27 2002

TECH CENTER 1600/2900

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette, 3.50 inch 1.4 MB
(B) COMPUTER: IBM
(C) OPERATING SYSTEM: Windows 98
(D) SOFTWARE: Microsoft Word

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 10/007,489
(B) FILING DATE: 12/05/2001
(C) CLASSIFICATION: 435/41, 435/71, 435/91, 435/131, 435/154, 435/172, 435/183; 935, 536/27

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION (PROVISIONAL) NUMBER: US 60/100,231
(B) FILING DATE: 9/14/98
(C) APPLICATION (PROVISIONAL) NUMBER: 60/152,371
(D) FILING DATE: 9/07/99

(viii) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (909)861-2111/860-7415
(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 bp
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE:

(A) DESCRIPTION: genomic DNA

(iii) HYPOTHETICAL: no

(iv) ANTI-SENSE: no

(v) ORIGINAL SOURCE:

(A) ORGANISM: *Saccharomyces cerevisiae*
(B) STRAIN: YFL039C genomic clone

(vi) PUBLICATION INFORMATION:

(A) AUTHORS: AUTHORS: Murakami Y., Naitou M., Hagiwara H., Shibata T., Ozawa M., Sasanuma S.I., Sasanuma M., Tsuchiya Y., Soeda E., Yokoyama K., Yamazaki M., Tashiro H., Eki T.

(B) TITLE: Analysis of the nucleotide sequence of chromosome VI from *Saccharomyces cerevisiae*.

(C) JOURNAL: Nature Genet.

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MAR 27 2002

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(D) VOLUME: 10
(C) PAGES: 261-268
(D) DATE: 1995
(E) RELEVANT RESIDUES IN SEQ ID NO: 1: 10-31
(vii) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
GAG GTT GCT GCT TTG GTT ATT G
(3) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 22 bp
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE:
(A) DESCRIPTION: genomic DNA
(iii) HYPOTHETICAL: no
(iv) ANTI-SENSE: yes
(v) ORIGINAL SOURCE:
(A) ORGANISM: *Saccharomyces cerevisiae*
(B) STRAIN: YFLO39C genomic clone
(vi) PUBLICATION INFORMATION:
(A) AUTHORS: Murakami Y., Naitou M., Hagiwara H., Shibata T., Ozawa M., Sasanuma S.I., Sasanuma M., Tsuchiya Y., Soeda E., Yokoyama K., Yamazaki M., Tashiro H., Eki T.
(B) TITLE: Analysis of the nucleotide sequence of chromosome VI from *Saccharomyces cerevisiae*.
(C) JOURNAL: Nature Genet.
(D) VOLUME: 10
(B) PAGES: 261-268
(C) DATE: 1995
(D) RELEVANT RESIDUES IN SEQ ID NO: 2: 1097-1118
(vii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
TT GTG GTG AAC GAT AGA TGG AC

10/007,489

ppr 1-3

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

(1) GENERAL INFORMATION

(i) APPLICANT: Elizabeth Frayne

(ii) ~~APPLICANT ADDRESS: 2027 Galvin Ln. #1~~ delete

(iii) ~~(iv)~~ TITLE OF INVENTION: Microbial Production of Nuclease Resistant DNA, RNA, and Oligo Mixtures

(iv) ~~(v)~~ NUMBER OF SEQUENCES: 2

(v) ~~(vi)~~ CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Frayne Consultants
- (B) STREET: 1249 S. Diamond Bar Blvd. #125
- (C) CITY: Diamond Bar
- (D) STATE: California
- (E) COUNTRY: USA
- (F) ZIP: 91765

(v) ~~(vi)~~ COMPUTER READABLE FORM

- (A) MEDIUM TYPE: Diskette, 3.50 inch 1.2 KB
- (B) COMPUTER: IBM
- (C) OPERATING SYSTEM: Windows 98
- (D) SOFTWARE: Microsoft Word

(vi) ~~(vii)~~ CURRENT APPLICATION DATA

(A) APPLICATION NUMBER:

(B) FILING DATE:

(C) ~~CLASSIFICATION: 435/41, 435/71, 435/91,
435/131, 435/154, 435/172, 435/183, 935,
536/27~~ delete

(vii) ~~(viii)~~ PRIOR APPLICATION DATA:

(A) APPLICATION ~~PROVISIONAL~~ NUMBER: ~~current~~ (A) APPLICATION NUMBER:
~~unknown, 60/152, 371, 60/100, 231~~

(B) FILING DATE: ~~current unknown, 9/07/1999~~

(A) APPLICATION NUMBER: ~~9/14/99~~

(B) FILING DATE: ~~14-SEP-1999~~

(ix) TELECOMMUNICATION INFORMATION: ~~colon~~

(A) TELEPHONE: (909) 861-2111/860-7415

(B) EMAIL: ~~egfrayne@cs.com~~

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS: ~~insert colon~~

(A) LENGTH: 22 bp

after each
heading

07-SEP-1999

use this

date

format

list each prior
serial number

separately

10/09/489 2

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: oligonucleotide

(iii) HYPOTHETICAL: no

(iv) ANTI-SENSE: no

(vi) ORIGINAL SOURCE: ORGANISM

- (A) ORGANISM: *Saccharomyces cerevisiae*
- (B) STRAIN: YFL039C genomic clone

(x) PUBLICATION INFORMATION:

- (A) AUTHORS: AUTHORS: Murakami Y., Naitou M., Hagiwara H., Shibata T., Ozawa M., Sasanuma S.I., Sasanuma M., Tsuchiya Y., Soeda E., Yokoyama K., Yamazaki M., Tashiro H., Eki T.

(B) TITLE: Analysis of the nucleotide sequence of chromosome VI from *Saccharomyces cerevisiae*.

(C) JOURNAL: Nature Genet.

(D) VOLUME: 10

(F) PAGES: 261-268

(G) DATE: 1995

(K) RELEVANT RESIDUES IN SEQ ID NO: 1: 10-31

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GAGGTTGCTG CTTTGGTTAT TG

22

SURNAME OTHER NAMES
and/or INITIALS

(2) INFORMATION FOR SEQ ID NO: 2:

↑
insert

cumulative

base total at right

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 22 bp
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: oligonucleotide

(iii) HYPOTHETICAL: no

(iv) ANTI-SENSE: no

Per 1.823
of sequence
Rules, list
each
author
on a
separate
line

(maximum
of first
ten authors)

10/007,4893

→(vi)

→ ORIGINAL SOURCE: misspelled

(A) ~~ORGANISM~~ Saccharomyces cerevisiae
(B) ~~STRAIN~~ YFL039C genomic clone

(x) → PUBLICATION INFORMATION:

(A) AUTHORS: Murakami Y., Naitou M.,

Hagiwara H., Shibata T., Ozawa M., Sasanuma S.I.,
Sasanuma M., Tsuchiya Y., Soeda E., Yokoyama K.,
Yamazaki M., Tashiro H., Eki T.

(B) TITLE: Analysis of the nucleotide sequence of
chromosome VI from Saccharomyces cerevisiae.

(C) JOURNAL: Nature Genet.

(D) VOLUME: 10

(F) → PAGES: 261-268

(G) → DATE: 1995

(K) → RELEVANT RESIDUES IN SEQ ID NO: (1): 1097-1118

(xi) → SEQUENCE DESCRIPTION: SEQ ID NO: 2:

TTGTGGTGAA CGATAGATGG AC

22 ← insert

fix format

as

indicated

on

page

2

do you mean 2?

1) Please consult Sequence
Rules for valid format.

2) See sample Sequence Listing (attached)

3) FYI: all U.S. applications filed on or
after July 1, 1998, and which cannot
claim a prior invention filed before
July 1, 1998, need to be in new
Sequence Rules format.